

Abstract

5 A nozzle or tip for use in precision dispensing
systems which provides a continuous, uninterrupted flow
of fluid therethrough. The tip comprises a body having
an inlet at one end adapted for connection to a
dispensing head or pump and an outlet at the other end
for positioning adjacent a location on the surface onto
10 which the fluid is to be dispensed. A passage in the
body of the tip connects the inlet to the outlet, and is
shaped to conduct fluid from the inlet to the outlet in
a continuous and uninterrupted manner. The passage has
a converging portion extending from the inlet to an
15 intermediate location in the body and a constant
diameter portion joining the converging portion to the
outlet. The body of the tip is of ceramic material,
preferably injection molded ceramic material. The tip
can be fitted in a metal housing which can be provided
20 with a standoff pin for spacing the outlet end of the
tip from the surface onto which fluid is to be
dispensed.